

Message Text

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PAGE 01 MOSCOW 20281 241332Z
ACTION OES-09

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UNCLAS MOSCOW 20281

USDOE FOR STEVE GOLDMAN

E.O. 11652: N/A
TAGS: TGEN, TECH, ENRG, UR, US
SUBJECT: US-USSR ENERGY AGREEMENT: UHV (08.0205)

REF: STATE 201587

1. EMBASSY AUGUST 23 RECEIVED LETTER DATED
AUGUST 21 FROM K. M. ANTIPOV, DEPUTY CHIEF OF THE
MAIN TECHNICAL DIRECTORATE, MINISTRY OF POWER AND
ELECTRIFICATION, TO RALPH S. GENS, BONNEVILLE POWER
ADMINISTRATION, CONCERNING THE UPCOMING DC SYMPOSIUM.
IT TRANSMITS FOUR SOVIET REPORTS FOR THE SYMPOSIUM
AND ASKS FOR A TWO MONTH DELAY IN HOLDING IT. INFORMAL
EMBASSY TRANSLATION FOLLOWS PARA 2. ORIGINAL WITH
ENCLOSED PAPERS (2 COPIES OF EACH) POUCHED DOE FOR
GOLDMAN, REGISTRY NO. 2404893.

2. DEAR MR.GENS:

I AM SENDING YOU FOUR SOVIET PAPERS, PREPARED
FOR THE NEXT US-USSR DIRECT CURRENT SYMPOSIUM IN
CORRESPONDENCE WITH ATTACHMENT 4 OF THE PROTOCOL OF
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OUR MEETING OF MAY 24, 1978.

AS I REPORTED TO YOU IN MY TELEX OF 16 AUGUST, IT
SEEMS TO ME TO BE ADVISABLE TO CHANGE SLIGHTLY THE
DATES OF OUR SYMPOSIUM. I HOPE THAT TRANSFERRING
THE SYMPOSIUM TO THE END OF NOVEMBER - BEGINNING OF
DECEMBER WILL NOT CREATE GREAT DIFFICULTIES FOR YOU.

WE EXPECT TO SEND A DELEGATION OF 5 OR 6 PEOPLE TO
THE SYMPOSIUM FOR A PERIOD OF 10 OR 11 DAYS.

BEST WISHES. K. M. ANTIPOV.

THE TITLES OF THE FOUR PAPERS ENCLOSED:

1. MUTUAL INFLUENCE BETWEEN DC ELECTRICAL TRANSMISSIONS
AND AC SYSTEMS DUE TO HARMONICS OF THE ALTERNATING
CURRENT.

2. QUESTIONS OF GUARANTEEING THE RELIABILITY OF THE WORK
OF POWER SYSTEMS, WHICH CONTAIN POWERFUL DC ELECTRICAL
TRANSMISSIONS.

3. CHARACTER OF DISTURBANCES IN THE OPERATION OF
THE VOLGOGRAD - DONBASS DC TRANSMISSION LINE.
EFFECTIVENESS OF AUTOMATIC SHUTOFF AND EXPERIMENTAL
DETERMINATION OF BREAKING TIME FOR OPEN ARCS ON
OVERHEAD LINES. ASSESSMENT OF THE POSSIBILITY OF
OPERATION OF DC OVERHEAD LINES WITHOUT COUNTER
LIGHTNING LINES.

4. INVESTIGATIONS OF OVERVOLTAGES ON THE VOLGOGRAD -
DONBASS POWER TRANSMISSION LINE WHEN ONE OF THE WIRES
IN THE LINE SHORT CIRCUITS TO GROUND.

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